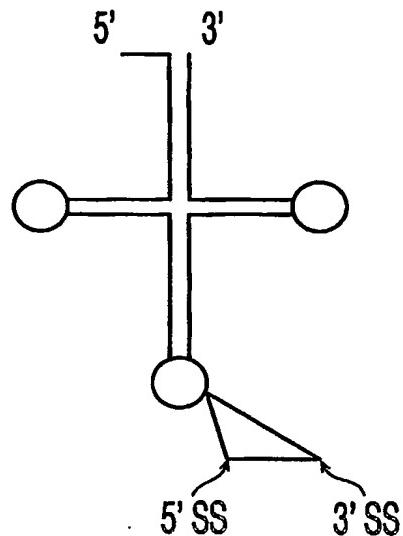
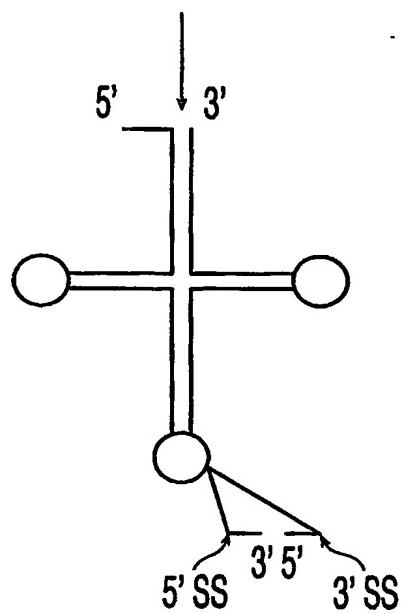
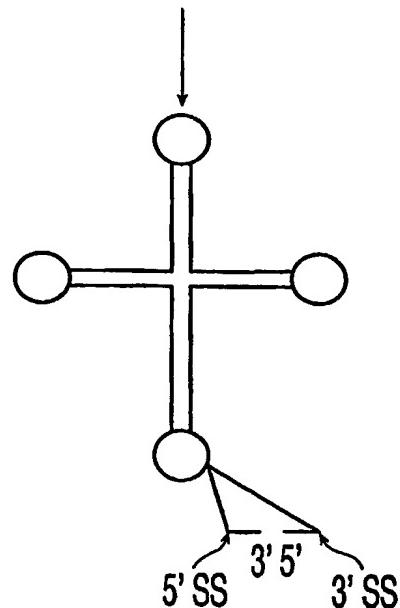


1/2

HTS Fluorescent Screening*Fig. 1A**Fig. 1B**Fig. 1C*

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		1			50
Hs Sen2p	MAEAVFHAPK	RKRRVYETYE	SPLPIPGQD	HGPLKEFKIF	RAEMINNNVI
Hs Sen2 var.	MAEAVFHAPK	RKRRVYETYE	SPLPIPGQD	HGPLKEFKIF	RAEMINNNVI
Sc Sen2p	~~~~~	~~~~~	~~~~~	~~~~~	~~~~~
		51			100
Hs Sen2p	VRNAEDIEQL	YGKGYFGKGI	LSRSRPSFTI	SDPKLVAKWK	DMKTNMPI..
Hs Sen2 var.	VRNAEDIEQL	YGKGYFGKGI	LSRSRPSFTI	SDPKLVAKWK	DMKTNMPI..
Sc Sen2p	~~~~~	~~~~~	~~~~~	~MSKGRVNQK	RYKYPLPIHP
		101			150
Hs Sen2p	...ITSKRYQ	HSVEWAAELM	RRQGQDESTV	RRILKDYTKP	LE.HPPVKRN
Hs Sen2 var.	...ITSKRYQ	HSVEWAAELM	RRQGQDESTV	RRILKDYTKP	LE.HPPVKRN
Sc Sen2p	VDDLPPELILH	NPLSWLYWAY	RYYKSTNALN	DKVHVDFIGD	TTLHITVQ..
		151			200
Hs Sen2p	EEAQVHDKLN	SGMVSNMEGT	AGGERPSVNV	GDSGKSGGVG	DPREPLGCLQ
Hs Sen2 var.	EEAQVHDKLN	SGMVSNMEGT	AGGERPSVNV	GDSGKSGGVG	DPREPLGCLQ
Sc Sen2p	DDKQMLYLWN	NGFFGT..GQ	FSRSEPTWKA	RTEARLGLND	TPLHNRGGTK
		201			250
Hs Sen2p	EGSGCHPTTE	SFEKSVR.ED	ASPLPHVCCC	KQDALILQRG	LHHEDGSQHI
Hs Sen2 var.	EGSGCHPTTE	SFEKSVR.ED	ASPLPHVCCC	KQDALILQRG	LHHEDGSQHI
Sc Sen2p	SNTETEMTLE	KVTQQRRLQR	LEFKKERAKL	ERELLELRKK	GGHID.EENI
		251			300
Hs Sen2p	GLLHPGDRGP	DHEYVLVEEA	ECAMSEREEA	PNEELVQRNR	LICRRNPYRI
Hs Sen2 var.	GLLHPGDRGP	DHEYVLVEEA	ECAMSEREEA	PNEELVQRNR	LICRRNPYRI
Sc Sen2p	LLEKQRESLR	KFKLKQTEDV	GIVAQQQDIS	ESNLRDEDNN	LLDENGDLLP
		301			350
Hs Sen2p	FEYLQLSLEE	AFFLVYALGC	LSIYYEKEPL	TIVKLWKAFT	VVQPTFRRTY
Hs Sen2 var.	FEYLQLSLEEEPL	TIVKLWKAFT	VVQPTFRRTY
Sc Sen2p	LESLELMPVE	<u>AMFLTFALPV</u>	<u>LDISPACLAG</u>	KLFQFDAKYK	DIH.SFVRSY
		351			400
Hs Sen2p	MAYHYFRSKG	WVPKVGLKYG	TDLLLYRKGP	PFYHASYSVI	IELVDDHFEG
Hs Sen2 var.	MAYHYFRSKG	WVPKVGLKYG	TDLLLYRKGP	PFYHASYSVI	IELVDDHFEG
Sc Sen2p	VIIYHHYRSHG	WCVRSGIKFG	CDYLLYKRGP	PFQHAEFCV.	..MGLDH...
		401			450
Hs Sen2p	SLRRPLSWKS	LAALSRVSVN	VSKELMLCYL	IKPSTM TD..	...KEMESPE
Hs Sen2 var.	SLRRPLSWKS	LAALSRVSVN	VSKELMLCYL	IKPSTM TD..	...KEMESPE
Sc Sen2p	DVSKDYTWYS	..SIARVVGG	AKKTFVLCYV	ERLISEQEAI	ALWKSNNFTK
		451	477		
Hs Sen2p	CMKRIKVQEV	ILSRWVSSRE	RSDQDDL		
Hs Sen2 var.	CMKRIKVQEV	ILSRWVSSRE	RSDQDDL		
Sc Sen2p	LENHOSVMTLYRWRK	LENHOSVMTLYRWRK	LENHOSVMTLYRWRK		

Fig. 2